



Safety Data Sheet

<http://www.cantol.com>

Date of Preparation: 2018-03-15

Date of Latest Revision:

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EF-90

Product Number: Not Applicable

Brand: Cantol

Recommended Use: Biodegradable Heavy Duty Multipurpose Cleaner & Degreaser

Restrictions on Use: For industrial and institutional use only. Read and follow all label directions and precautions

Supplier:

Cantol USA Inc.

199 Steelcase Road West
Markham, ON
L3R 2M4

Manufacturer:

Cantol Corp.

199 Steelcase Road West
Markham, ON
L3R 2M4

Telephone: 1-833-422-6865

Fax: 905-475-1584

Emergency Telephone Number (For both supplier and manufacturer): 1-800-424-9300

Preparation information:

Cantol Corp.

199 Steelcase Road West
Markham, ON
L3R 2M4

2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification Skin irritation/corrosion (Skin irritation) - Category 1; Serious eye damage/eye irritation (Serious eye damage) – Category 1;

Label Elements



Signal Word: Danger

Hazard Statement(s): Causes skin irritation. Causes eye irritation. Causes severe skin burns and eye damage. Harmful if swallowed, in contact with skin or if inhaled. May cause respiratory irritation.

Precautionary Statement(s): Eye and skin irritant. Harmful if swallowed. Avoid contact with eyes and skin. Wash thoroughly after handling. Wear rubber gloves and eye protection. **KEEP OUT OF THE REACH OF CHILDREN. FIRST AID:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek prompt medical attention. Flush skin with water. If swallowed, do not induce vomiting. Drink large quantities of water. Call a physician. Read the Material Safety Data Sheet

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(MSDS) before using this product. For industrial and institutional use only.

Other Hazards May be a health hazard in confined spaces. Hazardous to the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%)	Impurities	Common name/Synonyms
Poly-(oxy-1,2-ethanediyl)-alpha-undecyl-omega	34398-01-1	10-30	Not Available	Not Available
Sodium Silicate	6834-92-0	1-3	Not Available	Not Available
Ethylene Diamine Tetra Acetate, Tetra Sodium	64-02-8	1-5	Not Available	Not Available
Sodium Salt Complex Ethoxylated Alcohol Ester	68130-47-2	7-10	Not Available	Not Available

4. FIRST-AID MEASURES

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Flush with water immediately. Seek medical advice/attention.

IF IN EYES: Immediately flush with water for at least 15 minutes. Seek medical advice/attention.

IF SWALLOWED: Do not induce vomiting. Drink large quantities of water. Seek medical advice/attention.

Most Important Symptoms and Effects (Acute or Delayed): EYES: Redness. SKIN: Redness.

INGESTION: Irritation of digestive tract, pain, vomiting. INHALATION: Difficult Breathing.

5. FIRE-FIGHTING MEASURES

Conditions of flammability: Not Flammable.

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Specific Hazards Arising from the Product: No unusual fire or explosions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear rubber gloves, eye protection, and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid direct contact with eyes and skin. Wear rubber glove and eye protection. Wash thoroughly after handling.

Methods for Containment and Cleaning Up: Soak up spill with oil absorbent material. Flush area with water. Dispose in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Wear rubber gloves and eye protection. Wash thoroughly after handling. Self-contained breathing apparatus should be worn in areas where stored.

Conditions for Safe Storage: Keep from freezing. Keep container closed. Keep out of the reach of children.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit: Not Available.

Appropriate Engineering Controls: Not applicable.

Individual Protection Measures:

Eye/Face Protection: Goggles.

Hand Protection: Rubber/Neoprene/Plastic gloves.

Respiratory Protection: Organic Vapour Respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear redish liquid with mild odour.

Odour: Not applicable.

Odour Threshold: Not available.

pH: 13.4.

Melting Point/Freezing Point: Not available(melting); Not Available(freezing).

Initial Boiling Point/Range: 99°C (210°F).

Flash Point: Not applicable.

Evaporation Rate: Butyl Acetate = 1.

Flammability (solid, gas): Not applicable.

Upper and Lower Flammability or Explosive Limit: Not applicable.

Vapour Pressure: Not available.

Vapour Density (air = 1): Greater than 1.

Relative Density (water = 1): Not available.

Solubility in Water: Complete.

Solubility in Other Liquids: Not available.

Partition Coefficient, n-Octanol / Water (Log Kow): Not available.

Auto-ignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Reacts with strong acids.

Chemical Stability: Normally stable.

Possibility of Hazardous Reactions: None under normal conditions of use.

Conditions to Avoid: Incompatible materials. Avoid freezing temperatures.

Incompatible Materials: Strong acids.

Hazardous Decomposition Products: Not applicable.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact; Eye contact; Ingestion.

Serious Eye Damage/Irritation: Irritation and damage.

Skin Corrosion/Irritation: Corrosive. May cause irritation and damage.

Aspiration Hazard: Aspiration into lungs can damage.

Inhalation Hazard: Inhalation in confined or poor ventilated areas can irritate nose, throat and lungs. May

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cause irritation and damage to nasal or respiratory tract.

Ingestion Hazard: Harmful if swallowed. May cause pain in throat and vomiting.

Acute Toxicity:

Chemical Name	LC50	LD50 (Oral)	LD50 (Dermal)
Poly-(oxy-1,2-ethanediyl)-alpha-undecyl-omega	Not Available	1500 mg/kg, Rat	2000 mg/kg, Rat
Sodium Silicate	Not Available	Not Available	Not Available
Ethylene Diamine Tetra Acetate, Tetra Sodium	3030 mg/kg, Rat	630 mg/kg, Rat	Not Available
Sodium Salt Complex Ethoxylated Alcohol Ester	Not Available	Not Available	Not Available

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS 2015.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: Follow all government disposal regulations. Discard used absorbent in proper receptacle.

SECTION 14. TRANSPORT INFORMATION

This section is not required by WHMIS 2015.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations:

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): Listed on the DSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b): Listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

SDS Prepared By: Cantol Corp.

Date of Preparation: 2018-03-15

Date of Latest Revision: Not applicable.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Cantol Corp. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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